

BULGARIA

BOZADZHIEVA, E., D. BAKALOV, and V. PAVLOVA, Departments of Internal Medicine (Katedra po Vutreshni Bolesti) and of Medical Chemistry (Katedra po Meditsinska khimiya), Higher Medical Institute (Visschi Meditsinski Institut), Sofia.

"A Modification for the Simultaneous Determination of 17-Ketosteroids and 17-Ketogenic Steroid in Urine."

Sofia, Suvremenna Meditsina, Vol 14, No 3, 1963, pp 45-51.

Abstract: [Authors' Russian summary modified] The modification involves several methodological improvements permitting fast and accurate work, especially for the needs of clinical diagnosis. The basic principles of elimination have been established with new material on both ill and healthy persons, viz., the level of 17-ketogenic steroid in men on the average is twice that in women. The functional state of the suprarenals can be assessed on the basis of such studies, but repeated examination is 1/1/essential. Recent Soviet and Western sources.

BOZADZHIEVA, E.

Regulation of aldosterone secretion. Suvr. med. 14 no.4:
47-55 '63.

(ALDOSTERONE) (HYPERALDOSTERONISM)
(CORTICOSTERONE) (HYPOPHYSECTOMY)
(PHYSIOLOGY)

BOZADZHIEVA, E.

The adrenal cortex in hypertension. (Role of the adrenal cortex
in the pathogenesis of hypertension). Suvr. med. 14 no.9:52-61
'63.

(HYPERTENSION) (ADRENAL CORTEX)

BOZADZHIEVA, E.

Bulgaria

Higher Medical Institute, Department of Internal Diseases
and Therapy (VMI-Katedra po vnutreshni bolesti i terapiya),
Varna; Director: Drs. E. BOZADZHIEVA.

Sofia, Vnutreshni Bolesti, No 3, 1966, pp 373-378.

"Effect of Heparin on Blood Glucose and Blood Lipid Levels in
Diabetic Patients."

Co-authors:

VURBANOV, G.

SAGORTSCHEW, B. [Zagorchev, B.]; BOZADDZIEVA, L. [Bozadzhieva, L.];
MITROPOLITSKA, E.

Determination of iron and chromium in the alloys (ferrochrome)
and natural products (chromites). Doklady BAN 15 no.5:483-486
'62.

1. Vorgelegt von Akademietglied D. Ivanoff [Ivanov, D.],
Mitglied des Redaktionskomitees, "Doklady Bolgarskoy Akademii
nauk".

ZAGORCHEV, B.; BOZADZHIEVA, L.; MITROPOLITSKA, E.

Chromatographic separation of Fe (III) from Cr (III).
Godishnik khim tekh 8 no.1:21-26 '61 [publ. '62].

SAGORTSCHEW, B. [Zagorchev, B.]; BOZADZIEVA, L. [Bozadzhieva, L.];
MITROPOLITSKA, E.

Chromatographic separation of iron (III) from chromium (III).
Doklady BAN 15 no.3:273-276 '62.

1. Predstavлено акад. D. Ivanovym [Ivanov, D.], chlen
Redaktsionnoy kollegii, "Doklady Bolgarskoy Akademii
Nauk."

Bozakov, Zdr.

RETEV, P.

5

ATANASOVA, S.
SURNAME (in caps); Given Name

country: Bulgaria

Academic Degrees: not indicated

Affiliation: not indicated

Source: Sofia, *Khirieta*, No 2, Mar/Apr 61, pp 25-26

Data: "3. Dysenteries 3 Have Been Separated for the First Time
in Bulgaria."

Co-authors:

RAYKOV, R. Sofia

BOZAKOV, Zdr.

POPOV, AAF.

HEYCHEVA, El.

GINCHEV, P.

BOBOESCU, N.; BALOI, A.; BOZAN, G.; IONESCU, N.

On the reduction of losses of pressure in the valves of steam turbines. Bul St si Tehn Tim 9 no.2:377-387 Jl-D '64.

1. Submitted April 26, 1964.

L 36009-66 EWP(f)/T-2 WW
ACC NR: AP6027334

SOURCE CODE: RU/0018/66/000/001/0024/0028

AUTHOR: Boboescu, Nicolae; Bozan, Gheorghe; Negrea, Virgil

ORG: none

TITLE: Determination of the force characteristics of one-seat adjusting valves
with nozzles in steam turbines

SOURCE: Constructia de masini, no. 1, 1966, 24-28

TOPIC TAGS: steam turbine, valve, turbine design

ABSTRACT: A report on the deviations from theoretically calculated values of the experimentally determined real forces in a number of one-seat valve types used in steam turbines. On the basis of the results, the authors offer some suggestions as to the choice of types and dimensions so as to obtain real forces which are larger than the theoretical ones. Orig. art. has: 8 figures and 4 formulas.
[Based on authors' Eng. abst.] [JPRS: 36,559]

SUB CODE: 13 / SUBM DATE: none / ORIG REF: 001 / SOV REF: 001

Card 1/1 *ditto*

UDC: 621.165-383.3

BOZANIC, Slobodan, dipl. inz. el.

Rational design of typical servomechanisms. Automatika 5 no.3:
220-225 '64

1. Mihailo Pupin Institute of Automation and Telecommunication,
Belgrade, Volgina 15.

BOZANY, Miroslav

Psychology of labor and industrial medicine. Pracovni lek. 14 no.4:
161-162 My '62.

1. Katedra psychologie FFUK, Bratislava.
(INDUSTRIAL MEDICINE) (PSYCHOLOGY INDUSTRIAL)

Infectious Diseases

BULGARIA

PETROV, Docent St., BOZAROV, P., Colonels of Medical Service,
NIKOLOV, M., Captain of the Medical Service; Chair of Military
Field Therapy (VPT - Head Col. Prof. A. Maleev), Higher Military
Medical Institute

"Treatment of Acute Pneumonia with Broad-Spectrum Antibiotics"

Sofia, Voenno Meditsinsko Delo, Vol 21, No 6, Dec 66, pp 30-35

Abstract: In clinical studies carried out on 404 patients, the therapeutic effect in acute pneumonias of broad-spectrum antibiotics (biomycin, hydroxytetracycline, and erythran) was compared with that of penicillin applied alone or in combination with sulfonamides. It was established that application of biomycin or hydroxytetracycline reduced the course of treatment on the average by two days as compared with penicillin. Furthermore, a change of the antibiotic because of ineffectiveness was required in a lesser number of cases when treatment was carried out with biomycin or hydroxytetracycline. The therapeutic effect of erythran was not inferior in any respect to that of penicillin or

1/2

BOZAROV, V.

The 2d International Seminar on Polytechnical Training. Biol i
khim 5 no.1:64-65 '63.

1. Chlen na Bulgarskata delegatsiia na II nezhdunaroden
politekhnicheski seminar, chlen na redaktsionnata kolegia
i zem. redaktor, "Biologija i khimiia."

ANDREYEV, L.B.; BOZDAFENKO, Ye.N.; KOVALENKO, N.V.

Coordinated analysis of the displacement kinetocardiogram. Kardiologija
(MIRA 18:8)
4 no.6:69-73 N-D '64.

1. Kafedra propedevtiki vnutrennikh bolezney (zav. - prof. B.N.
Mikhaylov) Rostovskogo meditsinskogo instituta i Vychislitel'nyy
tsentr Rostovskogo universiteta.

136. MEASUREMENT OF THE INTERNAL RESISTANCE
OF STANDARD CELLS BY POTENCIOMETER. J. Borodach.
Societe des Ciseaux, Vol. 16, No. 10, 5/19-41 (1941).

Car 9

In measuring the voltage of a standard cell, the potentiometer is unbalanced and a small current is allowed to flow through the cell and a series-connected galvanometer. The current is proportional to the internal resistance of the cell and the galvanometer is calibrated to read the resistance directly. Accuracy of the measurement is 2%.

R.S.Sidorowicz

~~BOZDECH, Jiri, inz.~~

The lasting of technical standards on forestry. Normalizace
11 no. 4:115-118 Ap '63.

1. Vyzkumny ustat lesniho hospodarstvi a myslivosti, Oborove
normalizačni stredisko pro leani hospodarstvi, Zbraslav nad
Vltavou -- Strnady.

BOZDECH, Jiri, inz.

Industrial safety in the technical standards on forestry.
Normalizace 11 no. 12: 384-386 D '63.

1. Vyzkumny ustav lesniho hospodarstvi a myslivosti, Strnady,
Oborove normalizacni stredisko pro lesni hospodarstvi.

BOZDECH, Vaclav; JIROVA, Jirina; JIRA, Jindrich

Complement fixation reactions in toxoplasmosis. IV. A natural hemolysin and its value in the prozone phenomenon. Cesk. epidem. mikrob. imun. mikrob. imun. 10 no.4:261-267 Jl '61.

1. Katedra mikrobiologie lekarske fakulty hygienicke v Praze.—
Protozoologicka laborator CSAV v Praze.
(TOXOPLASMOSIS immunol)

FUCHS, Vladimir; JIROVEC, Otto; JIRA, Jindrich; BOZDECH, Vaclav; Matematicko-statisticka spoluprace: prom. mat. V. Kubenkova

Diagnostic toxoplasmosis reactions in normal obstetric subjects.
I. Frequency of toxoplasmin test and its relation to the age and occupation and the relationship between skin tests and complement fixation reactions. Cas.lek.cesk 100 no.26:823-826 30 Je '61.

1. III. porodnicka klinika fakulty detskeho lekarstvi Karlovy univerzity, prednosta prof. MUDr. R. Peter. Protozoologicka laborator Cs. akademie ved, prednosta akademik O. Jirovec. Serologicka laborator neurologicke kliniky St. fakultni nemocnice v Praze 2, prednosta akademik K. Henner. 2. Vyzkumny ustav organizace zdravotnictvi, Praha (for Kubenkova).

(TOXOPLASMOSIS in pregn) (PREGNANCY compl)

BOZDECH, Vaclav; JIRA, Jindrich; MARTINEK, Vaclav; Matematicko-statisticka
spoluprace: Jiri Vondracek

Complement fixation reactions in toxoplasmosis. II. Result of serial
examination of normal and sick subjects. Cas.lek.cesk 100 no.27/28:
872-880 7 J1 '61.

1. Katedra mikrobiologie lekarske fakulty hygienicke KU, prednosta
doc. MUDr. J. Sedlak a Protozoologicka laborator Cs. akademie ved,
prednosta akademik O. Jirovec, Praha. 2. Matematicky ustav CSAV.
(for Vondracek).
(COMPLEMENT) (TOXOPLASMOSIS diag)

FUCHS, Vladimir; JIROVEC, Otto; BOZDECH, Vaclav; JIRA, Jindrich; Matematicko-statisticka spoluprace: prom. mat. KUBENKOVA, V.

Diagnostic reaction for toxoplasmosis in a normal sampling of the population. II. Diagnostic reaction and pathological phenomena in pregnancy and labor in relation to a positive reaction. Cas. Lek. Cesk. 101 no.14:427-434 6 Ap '62.

1. III porodnicka klinika fakulty detskeho lekarstvi KU v Praze, prednosta prof. dr. R. Peter. Protozoologicka laborator Cs. akademie ved, prednosta akademik O Jirovec. Serologicka laborator neurologické kliniky KU v Praze 2, prednosta akademik K. Henner. Vyzkumny ustav organizace zdravotnictvi, Praha, prednosta prof. dr. V. Prosek.

(PREGNANCY complications) (TOXOPLASMOSIS in pregn)

JIRA, Jindrich, CSc.; BLAHA, Robert; BOZDECH, Vaclav

An attempt on desensitization of Toxoplasma antigen (Preliminary report). Cesk. gyn; 27[41] no.4:272-275 My '62.

l. Protozool. lab. CSAV v Praze, prednosta akademik O.Jirovec
Mikrobiol. lab. OHES OUNZ Kladno, prednosta MUDr. J.Kalandra.
(TOXOPLASMA immunology)

JIRA, J.; BOZDECH, V.

Complement fixation reaction, its technic and importance for
the diagnosis of toxoplasmosis. Cesk. epidem. mikrob. imun.
[2 no.2:118-125 Mr '63.

1. Protozoologicka laborator CSMV, serologicka laborator neurologicka
klinicky fakulty vseobecneho lekarstvi KU v Praze.
(COMPLEMENT FIXATION TEST) (TOXOPLASMOSIS)

FUCHS, Vladimir; JIRA, Jindrich; BOZDECH, Vaclav; JIROVEC, Otto, prof. dr.

The importance and the interpretation of diagnostic tests for
toxoplasmosis in obstetrics. Acta parasit. Pol. 11 no.5/13:
85-104 '63

1. Parasitological Department, Faculty of Natural Sciences,
Charles University, Prague. Head. Prof . Dr. Otto Jirovec.

*

JIRA, Jindrich; BOZDECH, Vaclav; HEYBERGER, Karel

Contribution to the technique of the complement fixation test
with Toxoplasma antigens and its evaluation and importance
for the diagnosis of toxoplasmosis. Wiad. parazyt. 9 no.6:
501-529 '63

1. Institute of Parasitology, Czechoslovak Academy of Sciences,
and Institute of Zoology, Charles' University , Praha, Czechoslovakia.

*

KOUBA,K.; CERMAK,J.; JIRA,J.; BOZDECH, V.

Apropos of the relation between infectious mononucleosis and toxoplasmosis. Cas. lek. cesk. 104 no.4:96-98 29 Ja '65

1. Infekcni klinika nemocnice na Bulovce (prednosta prof. dr. J. Prochazka, DrSc) ; Protozoologicke oddeleni Parazitologickeho ustavu Ceskoslovenskej akademie ved (reditel: prof. dr. B. Rosicky, DrSc.) a Parazitologicke oddeleni Zoologickeho ustavu prirodovedecke fakulty Karlovych University v Praze (reditel akademik O. Jirovec).

BOZDECH,V.; BRESTAK, M.; CECH,E.; PAPEZ,L.; SUK, J.

Our experiences with the diagnosis of toxoplasmosis using
an intradermal test and complement fixation reaction. Cesk.
gynek. 30 no.1:139-141 Mr'65.

1. Zoolog. ustav prirodoved. fakulty Karlovy University (pred-
nosta: akademik O. Jirovec) a I. gyn.-por. klinika fakulty
vseobecneho lekarstvi Karlovy University v Praze (prednosta:
prof. dr. K.Klaus, DrSc.).

CZECHOSLOVAKIA

KUSTYR, I.; BOZDECH, V.; Veterinary Research Center (Veterinarni Vyzkumne Stredisko), Prague - Motol; Laboratory of Serology, Neurological Clinic of the Member of Academy Henner (Serologicka Laborator Neurologicka Kliniky Akad. Hennera), Prague.

"Preparation and Titration of a Hemolytic Amboceptor of a High Titre."

Prague, Veterinarni Medicina, Vol 11, No 5, May 66, pp 329 - 336

Abstract [Authors' English summary modified]: Hyperimmunization process was investigated on the model action of rabbit hemolysin on sheep erythrocytes; the influence of the time factor, method of application, season of the year, and of sex were studied. A method is described by which a hemolytic amboceptor for the complement fixation with a titre from 2 to 10 times higher than commercially available amboceptors can be prepared. The immunization scheme which lasts for 28 days includes 7 intradermal, and 4 intravenpus applications of the antigen. 5 Figures, 3 Tables, 12 Western, 4 Czech references. (Manuscript received 30 Dec 65).

1/1

BOZDECH, Vlastimil (Fraha)

Automatic control and mechanization in distilleries. Kvasny
prum 8 no.12:282-283 v '62.

BOZDECH, Z.; KOVANDA, M.

Changes in the angle between the neck and diaphysis of the femoral bone as a sequel of damage of the greater trochanter following Zahradnicek's operation. Acta chir. orthop. trauma. Cech. 28 no.1:64-66 F '61.

1. Ortopedicka klinika University J. Ev. Purkyne v Brne, prednosta prof. dr. B. Frejka, doktor lek. ved.

(HIP fract & disloc)

BOZDECH, Z.; HORN, V.

Pigmented villo-nocular synovitis. Acta chir. orthop.traum.cech. 29 no.2:
129-133 '62.

1. Ortopedicka klin. lek. University J.Ev. Purkyne v Brne, predn.
doc. dr. M.Janecek;
(SYNOVITIS case reports)

MIKHAYLOV,V.; BOZDUGANOV, A.

Treatment of cancer of the external female genitalia with Co⁶⁰. Vop.
onk. 6 no. 9:79-82 S '60. (MIRA 14:1)

(GENERATIVE ORGANS, FEMALE--CANCER)
(COBALT--ISOTOPES)

JANEÁEK, M.; BOZDÍCH, Z.

Surgical treatment of spondylolisthesis. Acta chir. orthop. traum.
cech. 26 no.3:181-185 June 59.

1. Ortopedicka klinika v Brne, prednosti prof. dr. B. Frejka. J.M.
Brno, Pekarska 53.
(SPONDYLOLISTHESIS, surg.
remote results (Cz))

BOZDECH, Zdenek

Operative therapy of malunited fractures of the ankle. Rozhl. chir.
38 no.7:464-467 July 59

1. Ortopedicka klinika v Brne, prednosta prof. dr. B. Frejka.
(FRACTURES, UNUNITED, surg.)
(ANKLE, fract. & dialec.)

BOZDECH, Z; BOZDECHOVA, M.

Aseptic necrosis of the femoral head in congenital hemolytic anemia,
Acta chir. orthop. traum. czech. 27 no.1:98-101 F '60

l. Ortopedicka klinika pred. prof. MUDr. Frejka Inf. odd. KDN v
Brne, predn. doc. MUDr. Kluska.
(ANEMIA HEMOLYTIC pathol.)
(FEMUR HEAD pathol.)

BOZDECH, Zdenek; KOVANDA, Milan

Milkmann's syndrome -- a rare form of osteomalacia. Acta chir.orthop.
traum.cech.27 no.4:378-380 Ag'60.

1. Ortopedicka klinika university v Brne, prednosta prof.dr.
lek.ved Bedrich Frejka.
(OSTEOMALACIA case reports)

BOZDECH, Z.

Tabetic arthropathies of the spine. Acta chir.orthop.traum.cech.
27 no.5:428-431 O '60.

1. Ortopedicka klinika university v Brne, prednosta prof. MUDr.
B.Frejka, Dr.Sci
(TABES DORSALIS case reports)

BOZDECH, Z.; STRANAK,V.; VLACH,O.

Transposition of the ulnar nerve after traumatic neuritis.
Acta chir. orthop.traum. cech. 30 no.5:421-426 1963.

1. Ortopedicka klinika lekarske fakulty UJEP v Brne, pred-
nosta prof.dr. M.Janecek.

BOZDECH, Z.

Lunula --> sesamoid bone in the monicus. Cesk. rentgen. 18
no.3:193-195 My'64.

1. Ortopedicka klinika lekarske fakulty UJEP v Brne; pred-
nosta: prof. dr. M.Janecek.

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2000-06-09

On the subject of an alleged bridge between the Czechoslovak government and the German Federal Anti-Soviet Council, dated 11 May 1945.

i. Correspondence between the Faculty of Medicine, University of Brno, and the German (represent. prof. dr. F. Schmid).

BOZDECH, Z; BOZDECHOVA, M.

Aseptic necrosis of the femoral head in congenital hemolytic anemia.
Acta chir. orthop. traum. cech. 27 no.1:98-101 F '60

1. Ortopedicka klinika pred. prof. MUDr. Frejka Inf. odd. KDN v
Brne, predn. doc. MUDr. Kluska.
(ANEMIA HEMOLYTIC pathol.)
(FEMUR HEAD pathol.)

STEJSKAL, J.; BOZDECHOVA, N.; OSLEJSKOVA, M.

Presence of atypical lymphocytes in clinically healthy children
and in some infections during childhood. Cesk. pediat. 19 no.2:
157-160 F'64.

1. Infekcni oddeleni fakultni detske nemocnice v Brne; vedouci:
doc.dr. Vl.Kluska.

*

BOZ D16, 67.

RUMANIA/Chemical Technology. Chemical Products and Their
Application - Silicates. Glass. Ceramics. Binders.

I-9

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 12514

Author : Bozdig Gr., Niculiu C-ta.

Title : Sands for the Production of Glass in Rumania

Orig Pub : Nisipuri indigene pentru fabricarea sticlei. Ind. usoara,
1956, 3, No 6, 244-248 (Rumanian; Russian and German
summaries)

Abstract : Description of chemical composition and principal charac-
teristics of sands used in manufacture of glass.

Card 1/1

- 66 -

LUPASCU, Gh., prof.; CADARIU, Gh., prof.; BOSSIC-AG-VRICARI, Aspasie;
COSTIN, P., dr.; HUECHITT, E., dr.; BOZDOR, T., dr.; MIHAIȚ, Gh.,
dr. [deceased]; POPOVICI, T., DR.; HATVAS, Maria, dr.; DOROS, V.,
dr.

Eradication of an old focus of ancylostomiasis. Microbiologia
(Bucur.) 9 no.3:225-230 May-Je '64

1. Înare efectuata în Institutul de igienă din Timisoara,
St. tiuniea de malarie-helminthologie din Timisoara și Centrul
antihelmintic din Anina.

Gr. Bozdog

Indigenous sands for the manufacture of glass. Gr.
Bozdog and C-Ta Niculiu. *Ind. știință* (Bucharest) 3,
244-8 (1958).—Among the many sand deposits found in
Romania, those near the following locations are satisfactory
for the manuf. of glass: Lipova, with a Fe₂O₃ content of
1.69%, useable for manuf. green glass; Văleni de Munte
and Arghireș, with a Fe₂O₃ content below 0.7%, for window
glass and lab. ware. Recent findings near Feldioara and
Vulcan Codlea might become of great interest. The de-
posit found at Miorecani, at the Prut River, is extremely
white, having an Fe₂O₃ content below 0.05%, but must be
washed before use because of its high clay content. Other
small deposit were recently uncovered in the Banat and in
Dobrugea.

François Kertes

RB
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3

BOZDOG, G., ing.

Ways of utilizing internal reserves in the glass factory
"Vitrometan" of Medias. Industria usoara 3 no.5:213-216
My '56.

BOZDOG, Gr., ing.; NICULIU, C-ta, ing.

Indigenous sands for glass manufacture. Industria usoara 3
no.6:244-248 Je '56.

BOZDOG, Grigore, ing.

Improvement of the quality of glass household goods; models, and
color of the glass mass. Industria usoara 9 no.10:448-453 0 '62.

BOZDRCH, Z.

Scoliosis and spondylolisthesis. Acta chir. orthop. trauma. cech. 29
no.3:224-228 Je '62.

1. Ortopedicka klinika University J. Ev. Purkyne v Brne, prednosta
doc. dr. M. Janecek.
(SCOLIOSIS compl) (SPONDYLOLISTHESIS compl)

MIKHAILOV, Veselin, Prof. d-r.; BOZDUGANOV, Atanas, D-r.

Use of radioactive cobalt in oncology. Izv. Mikrob. inst., Sofia no.8:517-539 1957.

1. Nauchnoizsledovatelski onkologichen institut (dir.: prof. d-r V. Mikhailov) i izotopno otdeleenie (nach.: d-r A Bozdujanov) pri gradskiiia onkologichen dispanser v Sofiia.

(COBALT, radioactive
ther. of cancer (Bul))

(NEOPLASMS, ther.
radiocobalt (Bul))

KHADZHIOLOV, Asen Ivanov, akad., 1903 (Sofiia); ATSEV, S. (Sofiia); BOZDUGANOV, A.

Contribution to radiohistology I. Cell and tissue alterations in some organs under the action of gamma radiation of radioactive cobalt.
Izv. Inst. morf. BAN 3:43-54 '59. (MEAI 9:5)

1. Zavezhdasht, Katedra po khistologiiia i embriologiiia pri Visshiia meditsinskii institut, Sofiia. Direktor, Institut po morfologiiia pri Bulgarskata akademiiia na naukite, Sofiia (for Khadzhiolov).
(HISTOLOGY) (TISSUES) (GAMMA RYAS) (RADIOISOTOPES)
(COBALT) (CELLS)

BELINOV, Vl.; BOZDUGANOV, A.

Use of radioactive cobalt in otorhinolaryngology. Khirurgia (Sofia)
14 no.10:947-955 '61.

1. Hauchno-izsledovatelski onkologichen institut Direktor: prof.
V. Mikhailov.

(COBALT radioactive) (EAR neopl)
(NOSE neopl) (LARYNX neopl)

MIKHAILOV, V.; BOZDUGANOV, A.; TSANEV, K.

Investigations of chronic gamma-irradiation of the heart, the liver, and the kidneys. Neoplasma (Bratisl) 12 no.3:305-313 '65.

1. Postgraduate Institute of Medicine, Cancer Research Institute, Sofia, Bulgaria.

BOZDVIZHENSKIY, G. S.

Bozdzhenskiy, G. S., On the mechanism of electroprecipitation of nickel. V.
Conditions for the formation of colloidal solutions of basic salts in the process
of electrolysis. P. 1095.

A method is proposed for the theoretical stipulation of conditions for the
formation of colloidal solutions of basic salts by the change of free energy. It
is shown that the theoretical calculations are in full agreement with experimental
results known from literature. According to the theoretical calculation, colloidal
solutions of basic salts of nickel cannot form in the process of electrolysis.

Chair of Inorganic Chemistry of the
Kirov Kazan Chemico-Technological Inst.
December 29, 1947.

SO: Journal of Applied Chemistry (USSR) 21, No. 11 (1948)

BOZE, A.

Paramagnetic properties of certain salts of iron-group elements.
Izv. AN SSSR. Ser. fiz. 21 no.6:802-816 Je '57. (MIRA 10:8)

1. Indiyskaya assotsiatsiya razvitiya nauki, Kal'kutta, Indiya.
(Magnetism) (Ferromagnetism)

POLAND/Acoustics - Ultrasonics

J-4

Abs Jour : Ref Zhur - Fizika, No 4, 1959, No 6570

Author : Wawrzyszek Wiktor, Bardzicki Norbert, Bozek Ewald

Inst : General Chemical Department, Poland

Title : Chemical Relations Occurring in Ultrasonic Field

Orig Pub : Proc. II conf. ultrason., 1956, Warszawa, PWN, 1957, 95-98

Abstract : The author lists briefly the chemical actions of ultrasound. Results are given on the sounding (frequency 500 kcs, intensity w/cm^2) of aqueous solutions of KI (concentrations from 0.01 to 1.0 normal): 1. The effectiveness of sounding depends on the shape and material of the vessel. 2. After five minutes of sounding, the quantity of liberated I_2 is within the limits of the errors of analytical determination. 3. The amount of liberated I_2 is not proportional to the concentration of the solution, and the maximum concentration of I_2 is liberated in 8.5-9 percent solutions. 4. For the occurrence of oxidation of AI, it is necessary that oxygen be present. The hydrogen and CO_2 inhibit the sonic oxidation of KI. 5.

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POLAND/Acoustics - Ultrasonics

J-4

Abs Jour : Ref Zhur - Fizika, No 4, 1959, No 6570

The presence of organic compounds with low vapor tension (naphthalene or nitrobenzol) do not stop the oxidation of KI, which is not observed in the presence of lightly-volatile compounds (chloroform, acetone, CS_2). 6. Chemically pure water, saturated with oxygen, and sounded for 15 minutes, retains its ability of liberating I_2 from a solution of KI for 24 hours. 7. Under identical conditions, sounding of solutions of KCl and KBr leads to a liberation of a smaller amount of halide compared with a solution of KI. 8. There exists an optimum height of sounded liquid, at which a maximum chemical action of ultrasound is observed. 9. Sounding of 0.2 N solution of sodium sulfide, to which powdered sulfur is added, leads to production of thiosulfate. 10. Sounding of solutions of ascorbic acid accelerates their loss of activity. Bibliography, 16 titles. -- B.B. Kudryavtsev

Card : 2/2

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P/045/61/020/003/004/004
B133/B228

AUTHORS: Bożek, E., Niewodniczański, H., Ogaza, S., Szymczyk, S.,
and Norseyev, Yu. V.

TITLE: Energy levels in the ^{166}Er nucleus

PERIODICAL: Acta Physica Polonica, v. 20, no. 3, 1961, 257-266

TEXT: In the present paper, some gamma-gamma coincidence experiments in the decay of ^{166}Yb are described, and a level scheme of ^{166}Er is proposed, which is more complete than that given by Gromov et al. [Ref. 7: Gromov, K. I., Dzhelepov, B. S., Pokrovskiy, V. N., Izv. Akad. Nauk SSSR, 23, 821 (1959)]. The isotopes of Yb were obtained by irradiation of Ta targets with 660-Mev protons from the synchrocyclotron of the Dubna Joint Institute of Nuclear Research (USSR). The measurements in Cracow were begun 1.5 to 3 days after the irradiations, which were performed in intervals of about two months. In the first two runs, the measurements of gamma radiation were made at different times for the decay analysis of the entire spectrum of the isotope mixture of ytterbium. From this analysis

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it was established that the coincidence measurements for ^{166}Yb may be carried out in the first week of measurements. In the next two runs, gamma-gamma coincidence measurements were performed. The single-count gamma spectrum was recorded by a scintillation spectrometer using a $1\frac{1}{2}'' \times 1''$ NaI (Tl) crystal, an EMI 6097 F photomultiplier and a 100-channel pulse-height analyzer. The resolution of this spectrometer for the 661-kev ^{137}Cs line was 8.2%. The gamma-gamma coincidence spectra were recorded on the multichannel pulse-height analyzer, gating the spectrum from one counter with coincidence pulses from a fast-slow coincidence circuit (Fig. 1). NaI (Tl) crystals $1\frac{3}{4}'' \times 2''$ and $2'' \times 2''$ and EMI 6097 F photomultipliers were used. Resolution was 9% for the ^{137}Cs line. The resolution time of the coincidence circuit was $2\tau=5.5 \times 10^{-8}$ sec. The existence of an 880-kev transition reported up to now only by Brabec et al. [Ref. 4: Brabec, W., Gromov, K., Dzhelepov, B. S., Dmitriev, A. G., Morozov, W. A., Izv. Akad. Nauk SSSR, 23, 812 (1959)] is confirmed by the coincidence measurements of the authors, but they could not find the 153- and 522-kev lines measured by Baranovskii and Pokrovskii [Ref. 5:

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Baranovskii, W. I., Pokrovskii, W. N., Izv. Akad. Nauk SSSR, 23, 819 (1959). Besides a confirmation of the results of [6] (see list of English references), the authors obtained the following coincidences: between the 710-kev line and the 460-, 710, 790-kev peaks; between the 790-kev line and the 185-, 460-, 710-kev peaks; between the 1180-kev line and the 880-kev peak; between the 1270-kev line and the 185- and 600-kev peaks, and between the 2070-kev line and the 80- and 185-kev photopeaks. On the basis of these experiments and the energy values of transitions given by Gromov et al., the authors suggest a new level scheme for ^{166}Er from the decay of ^{166}Tm (Fig. 6). The branching ratios of transitions between the levels with K=2 and K=0 are calculated on the strength of Alaga's theory. For the level scheme proposed by the authors, they are in better agreement with the experimental values than for the scheme given in [6]. The present proposal of the level scheme for ^{166}Er needs some more confirmation. To get this, the authors are starting now gamma-gamma directional correlation experiments in order to obtain definite values of spins for the 788-, 862-, 957-, and 2140-kev levels. The authors thank S. Chojnacki and I. A. Yutlandov for the preparation of sources, and K. Malinowski and

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Energy levels...

P/045/61/020/003/004/004
B133/B228

T. Walczak for assistance in measurements. There are 6 figures, 3 tables, and 7 references: 4 Soviet-bloc. The 3 references to English-language publications read as follows: Ref. 1: Mihelich, J. W., Harmatz, B., Handley, T. H., Phys. Rev., 108 989 (1957); Ref. 2: Jacob, K. B., Mihelich, J. W., Harmatz, B., Handley, T. H., Bull. Am. Phys. Soc., 3, 358 (1958). Ref. 6: Boskma, P. De Waard, H., Nuclear Phys., 12, 533 (1959).

ASSOCIATION: Institute of Nuclear Physics, Cracow; Joint Institute for Nuclear Research, Dubna (Yu. V. Nerseyev)

SUBMITTED: October 7, 1960

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Energy levels...

P/045/61/020/003/004/004
B133/B228

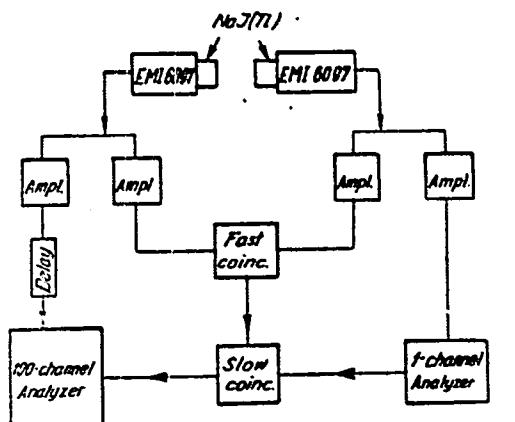


Fig. 1. Block diagram of electronics.

Fig. 1: Block diagram of the electronic apparatus

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Energy levels...

P/045/61/020/003/004/004
B133/B228

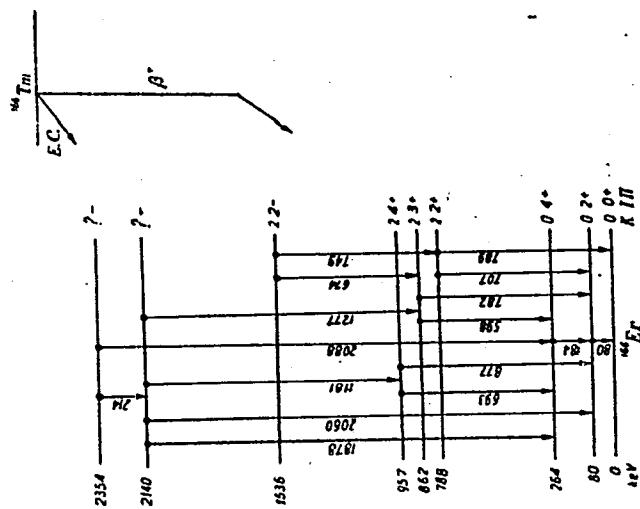


Fig. 6: Level scheme of ^{166}Er

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S/058/62/000/008/021/134
A061/A101

AUTHORS: Bożek, E., Hrynkiewicz, A. Z., Konieczna, Z., Ogaza, S.,
Rybicka, M., Szymczyk, S.

TITLE: Attenuation of the angular correlation of the Ta^{181} 133 - 482 kev
 γ -cascade in liquid sources

PERIODICAL: Referativnyy zhurnal, Fizika, no. 8, 1962, 42, abstract 8B301.
(Rept. Inst. fizyki jądrow. Krakowie, 1962, no. 155, 8pp. illust.,
English; summaries in Polish and Russian)

TEXT: The time dependence of the anisotropy of the angular correlation of the Ta^{181} 133 - 482 kev γ -cascade was investigated. The measurements were conducted with a liquid Hf source ($Hf(OH)_4$ solution in concentrated sulfuric acid) at various temperatures (10, 30, 60, and 80°C). For all of the four temperatures the attenuation of anisotropy in time followed an exponential law; the λ_2 attenuation constants were determined for all the temperatures. The temperature dependence of λ_2 , established experimentally, was compared with the theoretical one. At a temperature increase the experimental λ_2 dropped more slowly, than was required by the theory.
[Abstracter's note: Complete² translation]

Card 1/1

BOZEK, E.; HRYNKIEWICZ, A.Z.; KONIECZNY, Z.; RYBICKA, M.; SZYM CZYK, S.

Nuclear g-factor of the 113 keV rotational level in ^{177}Hf .
Acta Physica Pol 21 no.3:177 Mr '62.

1. Institute of Nuclear Physics, Cracow, and Institute
of Physics, Jagiellonian University, Cracow.

BOZEK, E.; NIEWODNICZANSKI, H.; OGAZA, S.; SZIMCZYK, S.; NORSEEV, Yu. V. [Norseev, Yu.V.]

Energy levels in ^{166}Er nucleus. Acta physica Pol 20 no.3:257-266
'61.

1. Institute of Nuclear Physics, Krakow. 2. Joint Institute for
Nuclear Research, Dubna (for Norseev).

BOZEK, Eugeniusz; HRYNKIEWICZ, Andrzej Z.; WALCZAK, Tadeusz; ZAPALSKI,
Grzegorz

Fast-slow coincidence circuit with time to pulse-height converter for a nanosecond range. Nukleonika 7 no.11:669-679
'62.

1. Institute of Nuclear Physics, Krakow, and Institute of
Physics, Jagellonian University, Krakow.

P/045/62/021/003/005/005
B137/B102

AUTHORS: Bożek, E., Hrynkiewicz, A. Z., Konieczny, Z., Rybicka, M.,
Szymczyk, S.

TITLE: Nuclear g-factor of the 113-kev rotational level in ^{177}Hf

PERIODICAL: Acta Physica Polonica, v. 21, no. 3, 1962, 307 - 309

TEXT: Two of the following three quantities are suited for calculating the nuclear factors g_R and g_K : (1) the magnetic moment of the ground state, μ_0 ; (2) the magnetic moment of the excited rotational state, μ_e ; (3) the magnetic dipole transition probability between any two rotational states, $B(Ml)$. μ_e was measured for the 113-kev excited level using the method of rotation of the angular correlation pattern for a γ - γ cascade. The source, an aqueous $\text{Lu}(\text{NO}_3)_3$ solution, was situated in an external magnetic field of 26300 gauss, perpendicular to the emission plane of the two γ -rays. The ratio of random to true coincidences was below 5 per cent at $18 \cdot 10^{-9}$ sec resolution. The counters detecting 208 and 113-kev γ -rays enclosed the

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P/045/62/021/003/005/005
B137/B102

Nuclear g-factor of ...

angles 135° and 225° . Measurements yielded the values $g = \pm 0.245 \pm 0.032$ and $\mu_e = (1.10 \pm 0.14) \mu_N$. When calculating the nuclear factors from the values $\mu_0 = 0.61 \pm 0.03$ (Speck, see below) of the ground state ($7/2^-$) and $\mu_e = 1.10 \pm 0.14$ of the excited state ($9/2^-$), one obtains $g_R = 0.374 \pm 0.084$ and $g_K = 0.120 \pm 0.030$. From $B(M1)$ and μ_e one obtains $g_R = 0.271 \pm 0.033$ and $g_K = 0.218 \pm 0.034$. As these results are more reasonable, this would seem to indicate that the μ_0 determination was not correct. Bernstein and de Boer determined the nuclear factors from μ_0 and $B(M1)$ to have the values $g_R = 0.215 \pm 0.014$ and $g_K = 0.162 \pm 0.010$. The disagreement in the results is well beyond the limits of error. Professor H. Niewodniczański, Doctor Z. Szymański, Mgr Z. Bochnacki, and Professor B. Mottelson are thanked for interest. There are 7 non-Soviet references. The four most important references to English-language publications read as follows: Bernstein, E. M., de Boer, J., Nuclear Phys., 18, 40 (1960); Hauser, U., Runge, K., Knissel, G., Nuclear Phys., 27, 632 (1961); Manning, G., Rogers, J. D., Card 2/3

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P/045/62/021/003/005/005
B137/B102

Nuclear Phys., 15, 166 (1960); Speck, D. R., Bull. Amer. Phys. Soc., 1,
282 (1956).

ASSOCIATION: Institute of Nuclear Physics, Cracow. Institute of Physics,
Jagellonian University, Cracow

SUBMITTED: January 24, 1962

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BOZEK, E.; LEBEDEV, N.A.; NIEWODNICZANSKI, H.; OGATA, S.; RYBICKA, M.; STYCZEN, J.

Gamma-gamma directional correlations in ^{146}Eu . Acta physica
Pol. 24 no.1:131-133 Jl '63.

1. Institute of Nuclear Physics, Krakow. 2. Joint Institute for
Nuclear Research, Dubna, USSR (for Lebedev).

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Magnetic interaction of the 155 Gd nucleus in the 87 keV excited state with the electronic shell. Inst fiz jadr report no.299:l-10 '63.

1. Instytut Fizyki Jadrowej, Krakow.

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Blasting slag in the slag chambers of open-hearth furnaces. p. 374.
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Vol. 4, no. 12, Dec. 1954.

Source: EEAL LC Vol. 5, No. 10 Oct. 1956

BOZEK, F.; KLIKA, O.

"Further collaboration between colleges and practical production."
P. 341.

SLABOPROUDY OBZOR. (Ministerstvo presneho strojirenstvi, Ministerstvo
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Praha, Czechoslovakia, Vol. 20, No. 6, June 1959.

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The purposeness of applying the method of telluric currents in
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1. Przedsiębiorstwo Państwowe "Poszukiwania Naftowe"

BOZEK, Jozef

BOZKOWA, Krystyna; BOZEK, Jozef

Data on gastrointestinal hemorrhages in children. Pediat. polska
29 no.6:593-599 June 54.

1. O Oddz. Wewn. i Chirurgicznno-Ortopedycznego Kliniki Pediatricznej
w Szczecinie. Kierownik Kliniki: prof. dr med. B.Gornicki, Kierownik
Oddz. chir.-ortop.: dr med. M.Drescher.

(GASTROINTESTINAL SYSTEM, hemorrhage,

in child.)

(HEMORRHAGE,

gastrointestinal, in child.)

EXCERPTA MEDICA Sec 7 Vol. 11/8 Pediatrica 1953 57

2195. BOŽEK J. Odd. Chir. Dziec Klin. Ped. Pomorskiej Akad. Med., Szczecin. *Przypadek promienicy przewodu pokarmowego u dziecka. A case of actinomycosis of the alimentary tract in a child PEDIAT. POL. 1956, 31/8 (901-906)
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Strączkowski - Białystok (XX, 7, 9)

BOZEK, Jozef; KARAJOSIFIDIS, Kostas; SLIWINSKA, Halina

Role of lipotropic factors in the regulation of disorders of vitamin A metabolism. Polskie tygod. lek. 12 no. 44:1681-1684 4 Nov 57.

1. (Z Kliniki Pediatricznej Oddzialu Chirurgii Dzieciecej Pomorskiej Akademii Medycznej w Szczecinie; kierownik Kliniki: prof. dr med. B. Gornicki, kierownik Oddzialu: doc. dr med. E. Drescher i z Centralnego Laboratorium Panstw. Szpitala Klin. w Szczecinie; kierownik: lek. H. Sliwinska) Adres: Szczecin, ul. Iukasiewicza 3/4.

(VITAMIN A DEFICIENCY, exper.
ethyl ether-induced liver depletion, eff. of methionine
& vitamin B12 (Pol))

(ETHER, ETHYL, eff.
exper. liver vitamin A depletion, eff. of methionine &
vitamin B12 (Pol))

(METHIONINE, eff.
on liver vitamin A depletion induced by ethyl ether,
with vitamin B12 (Pol))

(VITAMIN B12, eff.
on liver vitamin A depletion induced by ethyl ether, with
methionine (Pol))

EXCERPTA MEDICA Sec 2 Vol 12/9 Physiology Sept 59

4388. REGULATING EFFECT OF LIPOTROPIC FACTORS ON POST-ETHER
HEPATIC REACTIONS IN GUINEA PIGS - Bozek J. Clin. Ped. Surg. of
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Prolonged exposure of guinea-pigs to ethyl ether vapour causes changes in the
serum protein fractions and in results of 'functional liver tests' carried out with
serum. The liver of the animals exposed to ether showed fatty degeneration and
decreased vit. A content. Slightly milder changes were seen in animals given vit.
B₁₂ and methionine simultaneously with the exposure to ether. Zydowo - Gdansk

BOZEK, Jozef (Szczecin, ul. Lukasiewicza 3/4)

Acidosis after burning in children. Polski tygod. lek. 13 no. 44:1720-
1722 3 Nov 58.

1. (Z Kliniki Chirurgii Dziecięcej Pomorskiej Akademii Medycznej w
Szczecinie; kier: doc. dr med. Edward Drescher)
(BURNS, compl.
acidosis in child. (Pol))
(ACIDOSIS, in inf. & child
after burns (Pol))

BOZEK, Jozef (Szczecin, ul. Lukasiewicza 3/4)

Chronic hepatic abscess in children. Polski przegl.chir. 30 no.3:271-275
Mr'58

1. z Kliniki Pediatricznej Pomorskiej Akademii Medycznej w Szczecinie
Kierownik: prof. dr med. B. Gornicki i Oddzialu Chirurgii Dziecięcej
Kierownik: doc. dr med. E. Drescher.

(LIVER, abscess
chronic in child., surg., case reports (Pol))

BOZEK, Józef (Szczecin, ul. Łukasiewicza 3/4)

Effect of lipotropic factors on prothrombin level in blood sera of children before and after surgery. Pediat. polska 34 no.1:53-63 Jan 59.

1. z Kliniki Chirurgii Dziecięcej Pomorskiej A. M. w Szczecinie
Kierownik: doc. dr med. E. Drescher.

(LIPOTROPIC FACTORS, eff.

on prothrombin level in child., preop. & postop.
variations (Pol))

(PROTHROMBIN,

eff. of lipotropic factors on prothrombin level in
child., preop. & postop. variations (Pol))

(SURGERY, OPERATIVE,

preop. & postop. prothrombin level in child., eff.
of lipotropic factors (Pol))

BOZEK, Jozef

Effect of ether anesthesia on morphological and functional changes
in liver cells. Roczn. pom. akad. med. Swierczewski, 7:97-142 '61.

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Kierownik: doc. dr med. E. Drescher.

(LIVER physiol) (ETHER ETHYL anesth & analg)

BOZEK, Jozef; PAJOR, Zdzislaw

Aphonia as the first sign of acute rheumatic fever. Wiad. lek.
18 no. 3:241-242 F 1'65

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(Ordynator: dr. med. E. Rogalska-Chrzanowska).

BOZEK, Jozef

Some problems concerning the treatment and care for children
with malignant diseases. Wiad. lek. 18 no.5&415-417 1 Mr '65

1. Z Kliniki Onkologii Dziecięcej Instytutu Matki i Dziecka
(Kierownik Kliniki: doc. dr. med. J. Bozek).

BOZEK, Jozef; PAJOR, Zdzislaw

A case of neoplastic exudative pleurisy in a 5-year-old child.
Ped. Pol. 40 no.4:429-430 Ap'65.

1. Z Oddzialu Dzieciecego Szpitala Miejskiego w Nowej Hucie
(Ordynator: dr. med. E. Rogalska-Chrzanowska).

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Dobrzynska, J., Gieszczykiewicz, E., Kleszczynska, I., Stanowski, J.,
Cisek, A., Gutwinski, S., Wilkon B., Plappert Z.
Miejskiego Zaklad Badan Serca, Krakow. "Niewydolnosc wieencowa insufficiency
and heart infarct from the social - clinical and statistical points of view
POL. ARCH. MED. WENET. 1954, 24/2 (225-239) Graphs 2 Tables 5

Coronary circulation disorders appear primarily in occupations with a prepon-
derance of mental work but also in occupations, subject to harmful environmental
influences resulting from an abnormal mode of living and working. These in-
fluences, disturbing the higher function of the nervous system, are important
causal factors in coronary disease.

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Clinic in Krakow during 1950-55. Polski przegl. chir. 28 no.8:
763-764 Aug 56.

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dr. J. Bogusz. Krakow, ul. Kopernika 40.
(INTESTINE, LARGE, neoplasms,
hosp. statist. (Pol))

Bozek P.
BAK, Stefan; BOZEK, Piotr; BUTEJSKI, Włodzimierz; KRUPINSKA, Maria; WASOWICZ,
Stefan

Studies on Hoyer's arteriovenous anastomoses. Polski przegl. chir.
29 no.4:339-348 Apr 57.

1. Z I Kliniki Chirurgicznej A. M. w Krakowie Kierownik: prof. dr
J. Bogusz. Adres autorow: Krakow, ul. Kopernika 40, 1 Klin. Chir.
(BLOOD VESSELS, anatomy and histology,
Hoyer's arteriovenous anastomoses (Pol)).

BOGUSZ, Jozef; OSZACKI, Jan; BARCZYNSKI, Marian; BOZEK, Piotr;
BUTELSKI, Wladzimierz; SYCH, Marek

Attempted local nitrogranulogen therapy of leg sarcoma with the use
of the apparatus for extracorporeal circulation. Polski tygod. lek.
16 no.23:893-895 5 Je '61.

1. Z I Kliniki Chirurgicznej A.M. w Krakowie; kierownik: prof. dr
J. Bogusz i z II Kliniki Chirurgicznej A. M. w Krakowie; kierownik:
doc. dr J. Oszacki.

(LEG neoplasms) (SARCOMA ther) (PERFUSIONS)
(NITROGEN MUSTARDS ther)

BOZEK, Peter

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FELIKSIK, Czeslaw; BOZEK, Piotr

Megaesophagus. Pol. tyg. lek. 18 no.40:1492-1494 30 S !63.

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dr Jozef Bogusz i z Kliniki Radiologicznej AM w Krakowie;
kierownik: prof. dr Stanislaw Januszkiewicz.
(ESOPHAGUS) (ABNORMALITIES)

BOZEK, Piotr

Effect of nitrogranulogen perfusion on soft tissues. Pol. tyg.
lek. 18 no.45:1679-1683 4 N°63.

1. Z I Kliniki Chirurgicznej AM w Krakowic. Kierownik: prof.
dr. Jozef Bogusz.

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BOGUSZ, Jozef; BOZEK, Piotr; BUTELSKI, Wlodzimierz; SYCH, Marek

Results in the chemotherapy of malignant neoplasms using the apparatus for extracorporeal circulation. Pol. przegl. chir. 35 no.10/11:1150-1152 '63.

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dr J. Bogusz.

(ISOLATION PERfusion) (MECHLORETHAMINE)
(SARCOMA) (LEG) (HEART, MECHANICAL)
(MELANOMA) (NEOPLASM THERAPY)

BOZEK, Piotr, dr.

The Krakow Branch of the Polish Medical Society. Przegl lek 19
no.7:330 '63.

1. Secretary, Krakow Branch of the Polish Medical Society.

BOZEK, Ryszard, dr.

Krakow Branch of the Polish Medical Society, Przegl Lek 19 no.8:
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BOZEK, E.: HRYNKIEWICZ, A.Z.; KONIECZNA, Z.; OGATA, S.; RYBICKA, M.;
SZYMCZYK, S.

The attenuation of the angular correlation of the ^{181}Ta 133-482
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1. Institute of Nuclear Physics, Krakow, of the Polish Academy
of Sciences.

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